

Substitute for form 1449A/PTO

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Sheet

1

of

3

Attorney Docket Number

02307V-137300US

U.S. PATENT DOCUMENTS+

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

2/7/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (08-03)

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	of	2-3	Application Number	10/627,254
				Filing Date	July 24, 2003
				First Named Inventor	Bell, Alexis T.
				Art Unit	1621
				Examiner Name	Zucker
				Attorney Docket Number	02307V-137300US

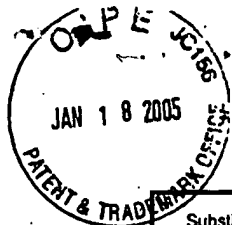
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
PAZ	AK	ASADULLAH, M., et al., "Cobalt catalyzed carboxylation reaction of saturated hydrocarbons with CO in the presence of K ₂ S ₂ O ₈ and TFA under mild conditions," <u>Tetrahedron Letters</u> , 1999, pp. 8867-8871, Vol. 40.		
	AL	ASADULLAH, M., et al., "Calcium-Catalyzed Selective and Quantitative Transformation of CH ₄ and CO Into Acetic Acid" <u>Angew. Chem. Int. Ed.</u> , 2000, pp. 2475-2478, Vol. 39, No. 14.		
	AM	BAGNO, A., et al., "Superacid-Catalyzed Carbonylation of Methane, Methyl Halides, Methyl Alcohol, and Dimethyl Ether to Methyl Acetate and Acetic Acid," <u>J. Organic Chem.</u> , 1990, pp. 4284-4289, Vol. 55.		
	AN	CHEPAIKIN, E., et al., "Functionalisation of methane under dioxygen and carbon monoxide catalyzed by rhodium complexes oxidation and oxidative carbonylation," <u>Journal of Molecular Catalysis A: Chemical</u> , 2001, pp. 89-98, Vol. 169.		
	AO	FUJIWARA, Y., et al., "Transition metal catalyzed acetic acid synthesis from methane and carbon monoxide," <u>Studies in Surface Science and Catalysis</u> , 1998, pp. 349-353, Vol. 119.		
	AP	JACKMAN, L.M., et al., "Synthesis of Transition-Metal Carboxylate Complexes ^{1,2} ," <u>Inorganic Chemistry</u> , 1979, pp. 1497-1502, Vol. 18, No. 6.		
	AQ	KURIOKA, M., et al., "Palladium-Catalyzed Acetic Acid Synthesis from Methane and Carbon Monoxide or Dioxide," <u>Chemistry Letters</u> , 1995, p. 244		
	AR	LIN, M., et al., "Direct catalytic conversion of methane to acetic acid in aqueous medium," <u>Nature</u> , April 1994, pp. 613-615, Vol. 368.		
	AS	NAKATA, K., et al., "Palladium (II) and/or copper (II)-catalyzed carboxylation of small alkanes such as methane and ethane with carbon monoxide," <u>Journal of Organometallic Chemistry</u> , 1994, pp. 329-334, Vol. 473.		
	AT	NISHIGUCHI, T., et al., "Transition Metal Catalyzed Acetic Acid Synthesis from Methane and CO," <u>Chemistry Letters</u> , 1992, pp. 1141-1142.		
	AU	NIZOVA, G., et al., "Carboxylation of methane with CO or CO ₂ in aqueous solution catalysed by vanadium complexes," <u>Chem. Commun.</u> , 1998, pp. 1885-1886.		
	AV	PIAO, D-G., et al., "An efficient partial oxidation of methane in trifluoroacetic acid using vanadium-containing heteropolyacid catalysts," <u>Journal of Organometallic Chemistry</u> , 1999, pp. 116-120, Vol. 574.		
	AW	REIS, P., et al., "Single-Pot Conversion of Methane into Acetic Acid in the Absence of CO and with Vanadium Catalysts Such as Amavadin," <u>Angew. Chem. Int. Ed.</u> , 2003, pp. 821-823, Vol. 42, No. 7.		
	AX	TANIGUCHI, Y., et al., "Advances in Chemical Conversions for Mitigating Carbon Dioxide," <u>Studies in Surface Science and Catalysis</u> , 1998, pp. 439-442, Vol. 114.		
	AY	TANIGUCHI, Y., et al., "Highly Efficient Vanadium-Catalyzed Transformation of CH ₄ and CO to Acetic Acid," <u>Organic Letters</u> , 1999, pp. 557-559, Vol. 1, No. 4.		
PAZ	AZ	WILCOX, et al., "Letter to the Editor: Thermodynamics of light alkane carboxylation," <u>Applied Catalysis A: General</u> , 2002, pp. 317-318, Vol. 226.		

Examiner Signature		Date Considered	2/7/05
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		Application Number	10/627,254		
		Filing Date	July 24, 2003		
		First Named Inventor	Bell, Alexis T.		
		Art Unit	1621		
		Examiner Name	Zucker		
Sheet	3	of	23	Attorney Docket Number	02307V-137300US

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PM	BA	WILCOX, et al., "Direct Synthesis of Acetic Acid from Methane and Carbon Dioxide," <u>Studies In Surface Science and Catalysis</u> , 2001, pp. 259-264, Vol. 136.	
I	BB	YIN, G., et al., "CU(OAc) ₂ -catalyzed partial oxidation of methane to methyl trifluoroacetate in the liquid phase," <u>Applied Organometallic Chemistry</u> , 2000, pp. 438-442, Vol. 14.	
PM	BC	ZHANG, Q., et al., "Reactions between Hydrogen Sulfide and Sulfuric Acid: A Novel Process for Sulfur Removal and Recovery," <u>Ind. Eng. Chem. Res.</u> , 2000, pp. 2505-2509, Vol. 39.	

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